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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

Sheet 1 of 1
ATTORNEY DOCKET NO. APPLICATION NO.
1572.1143 10/616,035

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

FIRST NAMED INVENTOR

Chul-soo PARK, et al.

FILING DATE

July 10, 2003

GROUP ART UNIT

2655

U.S. PATENT DOCUMENTS

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| 4/4 | AG | 2000-67440 | 03/03/00 | Japan | X | |
| SIL | АН | 143609 | 10/24/96 | Korea | X | |
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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Sheet 1 of 1

ATTORNEY DOCKET NO.

1572.1143

FIRST NAMED INVENTOR

Chul-soo PARK, et al.

FILING DATE

July 10, 2003

Sheet 1 of 1

APPLICATION NO.

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| ah | ВА | 5-159351 | 6/25/93 | Japan | Abstract Only | |
| Puh | ВВ | 2-292739 | 12/4/90 | Japan | Abstract Only | |
| Chal | вс | 52-97704 | 8/16/77 | Japan | Abstract Only | |
| TIL | BD | 3-288344 | 12/18/91 | Japan | Abstract Only | |
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| Joseph Haley | 1-9-05 |

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Sheet 1 of 1 ATTORNEY DOCKET NO. **FORM PTO-1449** U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 10/616,035 1572.1143 FIRST NAMED INVENTOR INFORMATION DISCLOSURE STATEMENT Chul-soo PARK, et al. FILING DATE GROUP ART UNIT (Use several sheets if necessary) July 10, 2003 2655 **U.S. PATENT DOCUMENTS** *EXAMINER DOCUMENT SUB-**FILING** INITIAL NO. **CLASS** DATE DATE NAME **CLASS** AA 5,485,445 1/16/96 Oinoue et al. AB AC AD AE AF FOREIGN PATENT DOCUMENTS DOCUMENT **ABSTRACT** NO. **TRANSLATION** DATE COUNTRY YES Abstract AG 3-203031 9/4/91 Japan Only **Abstract** AH 4/9/99 11-96561 Japan Only ΑI AK AL TRANSLATION OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) YES NO AM EXAMINER DATE CONSIDERED 1-9-05 *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through

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| VA | AG | JP10-124675 | 5/15/1998 | Japan | | | | | |
| 16/1 | АН | KR 20-0229924 | 4/17/2001 | Korea | | | | | |
| 16/2 | AI | KR 2002-0006912 | 1/26/2002 | Korea | | | | | |
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